

**State of Vermont**  
**Senate Committee on Finance**

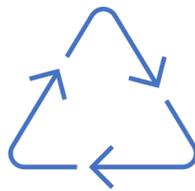
**Susan V. Collins, President**  
**Container Recycling Institute**

**May 3, 2023**

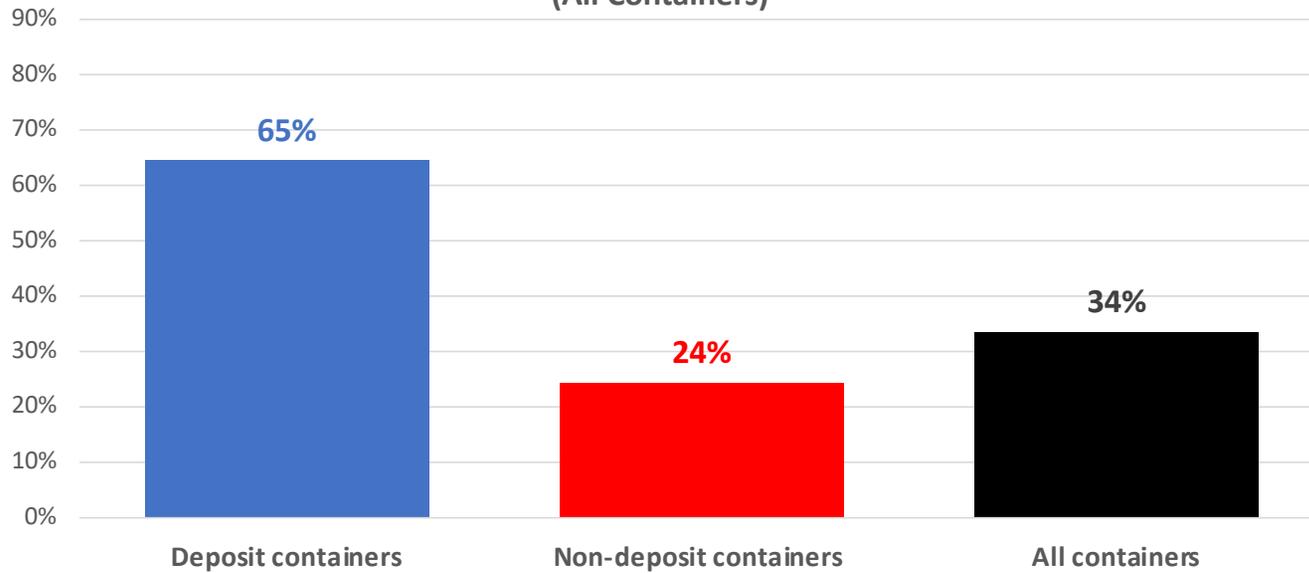


## Benefits of deposit systems:

- **High recycling rates:** 80% for beverage containers
- Produce **clean** recycled materials for manufacturing
- Create **jobs** and **new businesses**
- Shift end of life costs for used beverage containers to **producers (EPR)**
- Reduce **litter**
- Conserve **energy** and natural resources
- Reduce **greenhouse gas emissions**
  - Adding wine and non-carbonated beverages would save 7,073 Metric Tons of Carbon Dioxide Equivalent (MTCO<sub>2</sub>E) – the equivalent of taking 1,538 cars off the road.
- **Prevent pollution** from manufacturing new containers from virgin materials



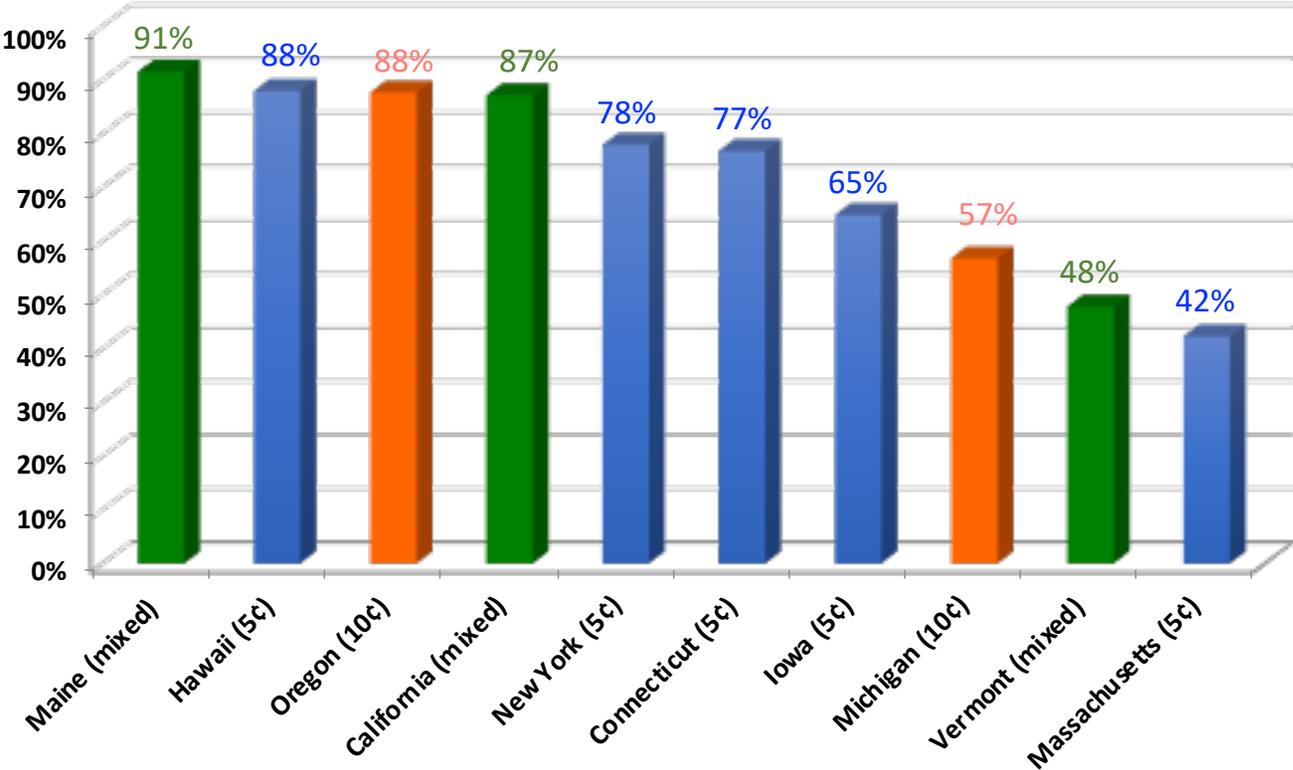
### U.S. Nominal Recycling Rates by Deposit Status, 2019\* (All Containers)



*Includes all beverages packaged in aluminum cans, PET & HDPE plastic bottles, glass bottles, gable-top cartons, aseptic boxes, and foil pouches. Non-deposit containers include all containers in states without bottle bills, and all non-deposit beverage containers in states without non-modernized bottle bills. Source: 2019 Beverage Market Data Analysis.*

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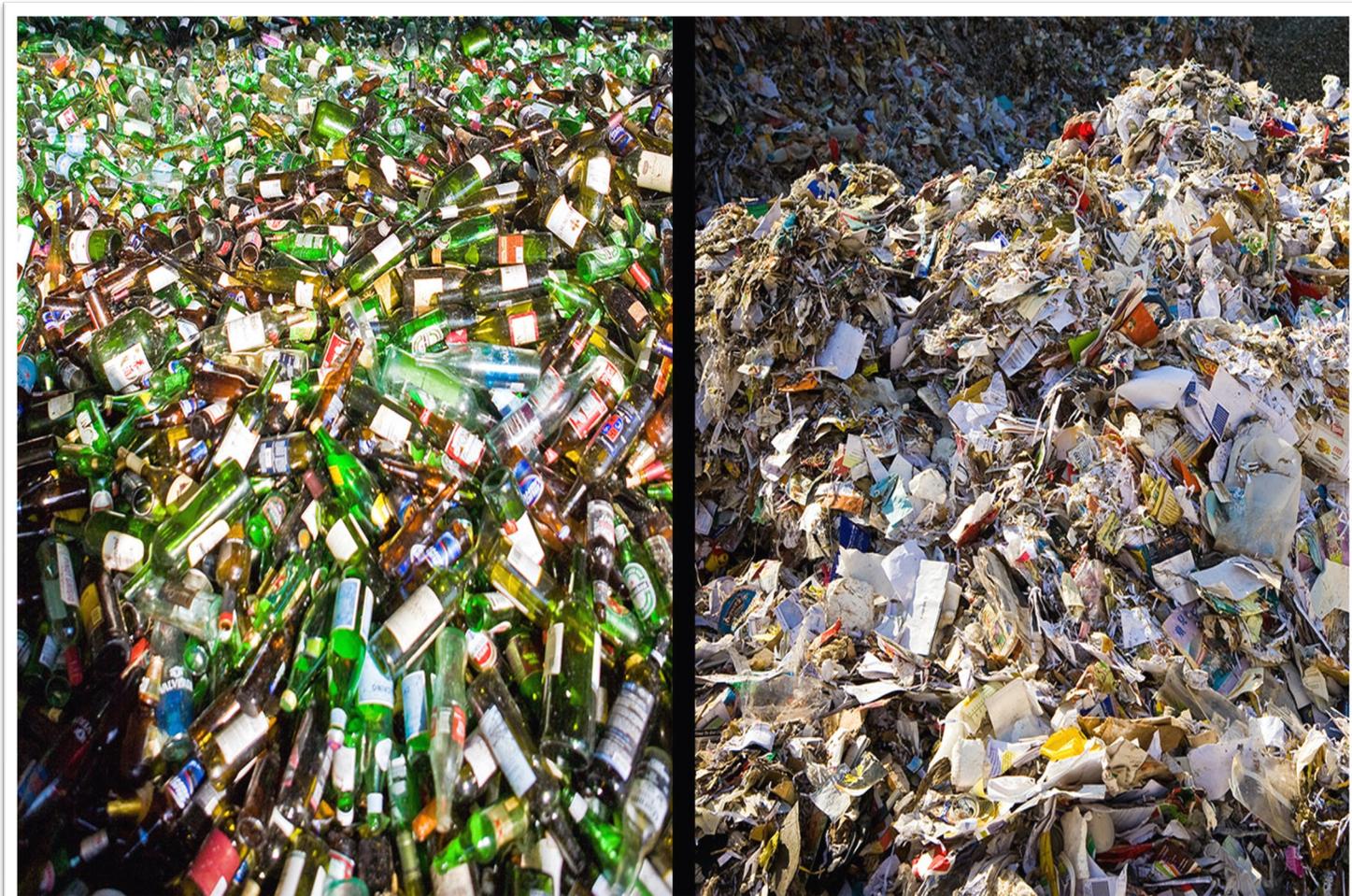
# Percent of U.S. Beverage Units Covered by Deposits, 2019



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## Glass: Deposit vs. Single Stream



# Differences Between Deposit PET and Curbside PET (on average)

Metric	Deposit PET	Curbside PET
Processing Facility (extra transportation costs)	Facilities in Albany, NY and Staten Island	Most plants that handle curbside PET are in the South
Pricing	Baseline deposit price	Worth 40% less than deposit baseline price (5-year average)
Percent Contamination + non-usable PET, other	85% production rate (NAPCOR/APR, 2017)	66% production rate (NAPCOR/APR, 2017)
Extra costs due to contamination	Minimal	Costs of transporting contaminants, extra cleaning costs and costs of disposing of contaminants
Product Use Potential	Food & beverage bottles, other food containers (deli containers), many other uses	Fiber, carpet, strapping, etc. and other non-food grade uses

# Container Deposit Law Updates in 2021 & 2022

State	Updates
<b>CALIFORNIA</b>	<ul style="list-style-type: none"> <li>• EXPANSION: wine, distilled spirits, including nips</li> <li>• REFILLABLES: \$25 million funding program</li> <li>• CONVENIENCE: \$1.3 billion for 10 grant and payment programs to fund RVMs, recycling centers, bag drops, and more</li> </ul>
<b>IOWA</b>	<ul style="list-style-type: none"> <li>• CONVENIENCE: Handling fee increase</li> <li>• ENFORCEMENT: enforcement of illegal activities, ex. fraudulent container return attempts</li> </ul>
<b>OREGON</b>	<ul style="list-style-type: none"> <li>• EXPANSION: Canned wine</li> <li>• PRO: Requires non-participating beverage distributors to join the Oregon Beverage Recycling Cooperative or provide redemption services.</li> </ul>
<b>QUEBEC (Canada)</b>	<ul style="list-style-type: none"> <li>• DEPOSIT INCREASE: A 10-cent deposit on most containers, and 25 cents on glass bottles 500 ml to 2 liters.</li> <li>• EXPANSION: non-carbonated beverages, wine, spirits, milk</li> <li>• REDEMPTION RATE GOAL WITH TRIGGER: 90% goal; mandated increase in the deposit amount if goal not met</li> <li>• CONVENIENCE: Minimum of 1,500 return sites province-wide</li> <li>• PRO</li> </ul>
<b>CONNECTICUT</b>	<ul style="list-style-type: none"> <li>• EXPANSION: non-carbonated beverages, 2023</li> <li>• DEPOSIT INCREASE: 10-cent deposit in 2024</li> <li>• CONVENIENCE: handling fee increase, new RVM mandate, \$5 mil. Grant for new redemption cntrs.</li> </ul>

# Thank You!

## Learn

Main Website [www.container-recycling.org](http://www.container-recycling.org)

Bottle Bill Website [www.bottlebill.org](http://www.bottlebill.org)

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